NORAD-USNORTHCOM *Experimentation Activities*

Key Results

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10 Jan 07

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Unified Quest 06 (22-28 April 06)

Event / Activity Description

Army Title 10 Wargame, co-sponsored with USJFCOM. The events consisted of three Cases: A - Irregular Warfare; B - Strategic Global Agility; C - Global Cell / HLD; NORTHCOM participated in Case C involving a "loose nuke" approaching the Homeland

Participants:

All Services, JFCOM, EUCOM, NORTHCOM, UK, Canada, Italy, Germany, Finland, Japan, Korea, Poland, Sweden

Key Objectives / Warfighter Challenges

- Interagency & Multinational Coordination
- Homeland Defense
- Maritime Domain Awareness_
- Analyze and refine DoD Homeland Defense and Civil Support Joint Operating Concept_

Key Findings:

- Homeland Defense in a seamless global battlespace requires a layered approach
  - Forward Region
  - Approaches
  - Homeland
- The US must balance risk in terms of the forces/resources available to search for threat while conducting other operations as required
- Detect, Deter, Defeat, and Consequence Management planning ongoing

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Joint Urban Warrior 06 (2-4 May 06)

Event / Activity Description

Marine Corps and JFCOM co-sponsored seminar. The event focused on the reaction to a Cat-5 hurricane disrupting Eastern and Northern Virginia and the District of Columbia, and a terrorist attack exploiting a natural disaster.

Participating Orgs:

Military Services, JFCOM, VA, DC, NORTHCOM, DHS, MDW, NGB, National Weather Service, NGOs, VA First Responders

Key Objectives / Warfighter Challenges

- Joint and Interagency Coordination
- Defense Support of Civil Authorities
  - Emergency Preparedness
  - Consequence Mgmt
- Critical Infrastructure Protection
- Anti-terrorism/Force protection
- WMD/CBRNE Detection

Key Findings:

- Lack of Understanding between Local First Responders and Federal authorities.
- Excessive layers of sub contracting
- Problems Impacting governance and military capability of a major natural disaster in the National Capital Region.
- Problems in collecting and sharing of assessment data.
- No national standard for first responders or way of certifying them as competent

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Experimentation Activities

Key Experimentation Events

NOBLE RESOLVE

NOBLE RESOLVE is a series of experiments designed to identify capability gaps, develop recommendations and DOTMLPF proposals and new tactics, techniques and procedures to measurably improve the COCOMs and homeland security partners' mission effectiveness.

WFCs

Maritime domain awareness
Interagency coordination
Pandemic influenza
WMD/CBRNE detection
Critical infrastructure protection

Experimentation proposals submitted to JFCOM

Wide Area Surveillance Family of Systems
Counter-UAV Capabilities
C2 Experiment for Asymmetric Threat
Wide Area Stare Mode for ROTHR
OTHR Cueing of BMD Engagement Systems
ROTHR and ETMS Integration
Use of ROTHR in PROJECT FAIRFIELD
Evaluation of Classified Northrup Grumman Program
MDA CONOPS TTX
Test C2 for Maritime Homeland Security Civil Support
Air to Ship CONOPS
Test ONE C2 for Maritime Homeland Defense Missions
DoD HD and CS JOC LOE
TENCAP Projects in Vigilant Shield 08
US-Mexico Pandemic Influenza Exercise
Interagency Information Sharing
Pandemic Influenza Threats FHP Issues
Limiting DoD Travel in Pandemic Influenza
JTF NIMS
Capital Archer
C2 CBRNE

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Experimentation proposals binned to venues

- **Noble Resolve 1**
  - **11. MDA CONOPS**
  - **12. C2 for HS Civil Support**
  - **14. Op Noble Eagle C2 for Maritime**
  - **22. Capital Archer**

Noble Resolve 2

- **1. Disaster Force Pkg**
- **5. C2 Asym Threat**
- **15. US/MEX PI**
- **16. HD CS JOC LOE**
- **19 PI Threat- FP Issues**
- **20. Limiting DOD tvl in PI**
- **21. JTF NIMS**
- **23. C2 CBRNE**
- **24. DoD JTF/ DHS JFO**

Cross-Cutting Issues

2. IA Data Sharing
18. IA Info Sharing

Trident Warrior 07

11. Nat'l MDA CONOPS
MHQ w/ MOC CONOPS

Trident Warrior 08:

4. Counter UAV (Also JEFX)
13. Air-to-Ship CONOPS

Other Initiatives

3. WAS Fam of Sys
4. Counter UAV
6. Wide Area Stare
7. OTH Cueing
8. ROTHR/ETMS
9. Project Fairfield

Vigilant Shield 08

17.TENCAP Projects

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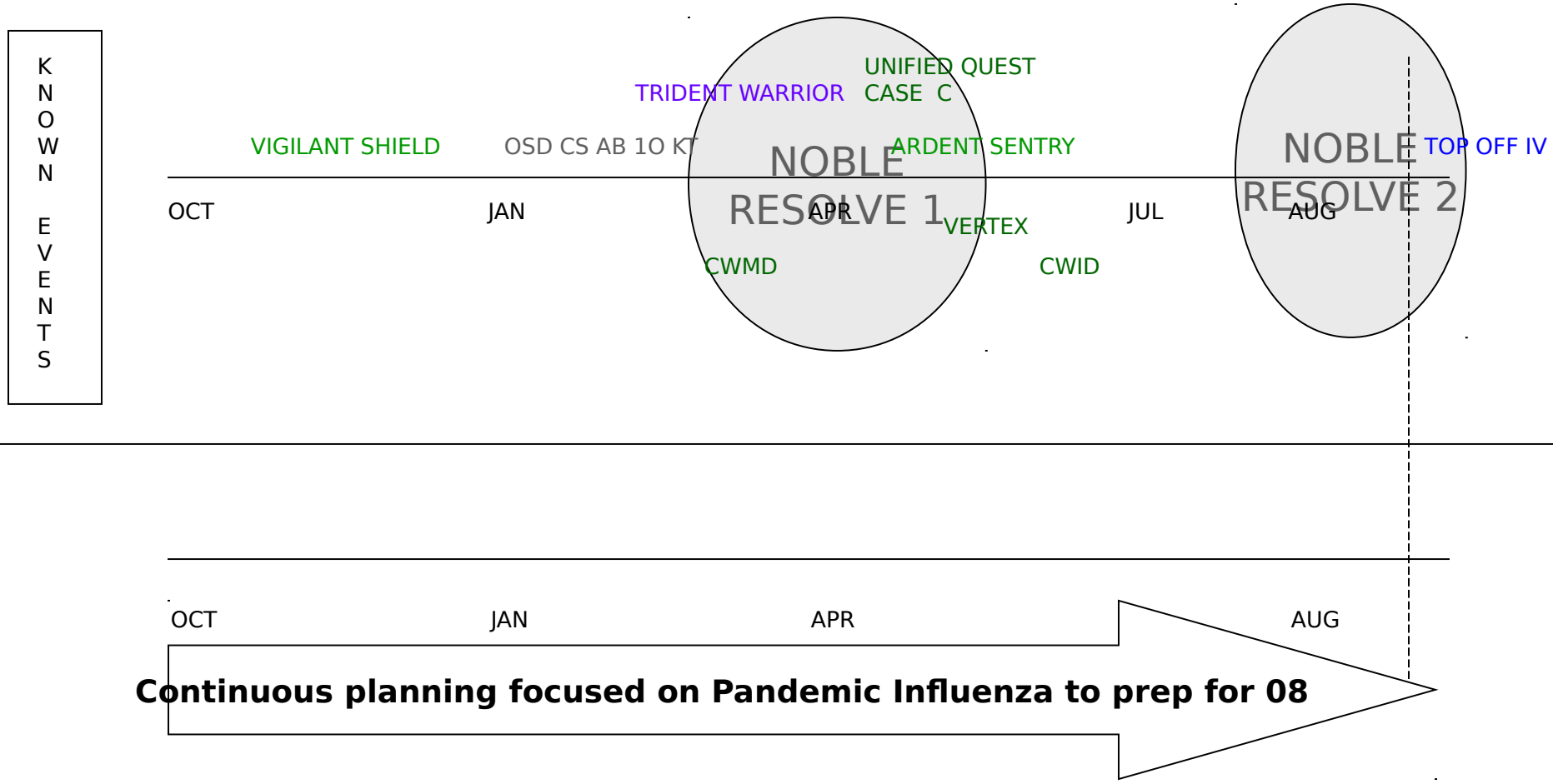
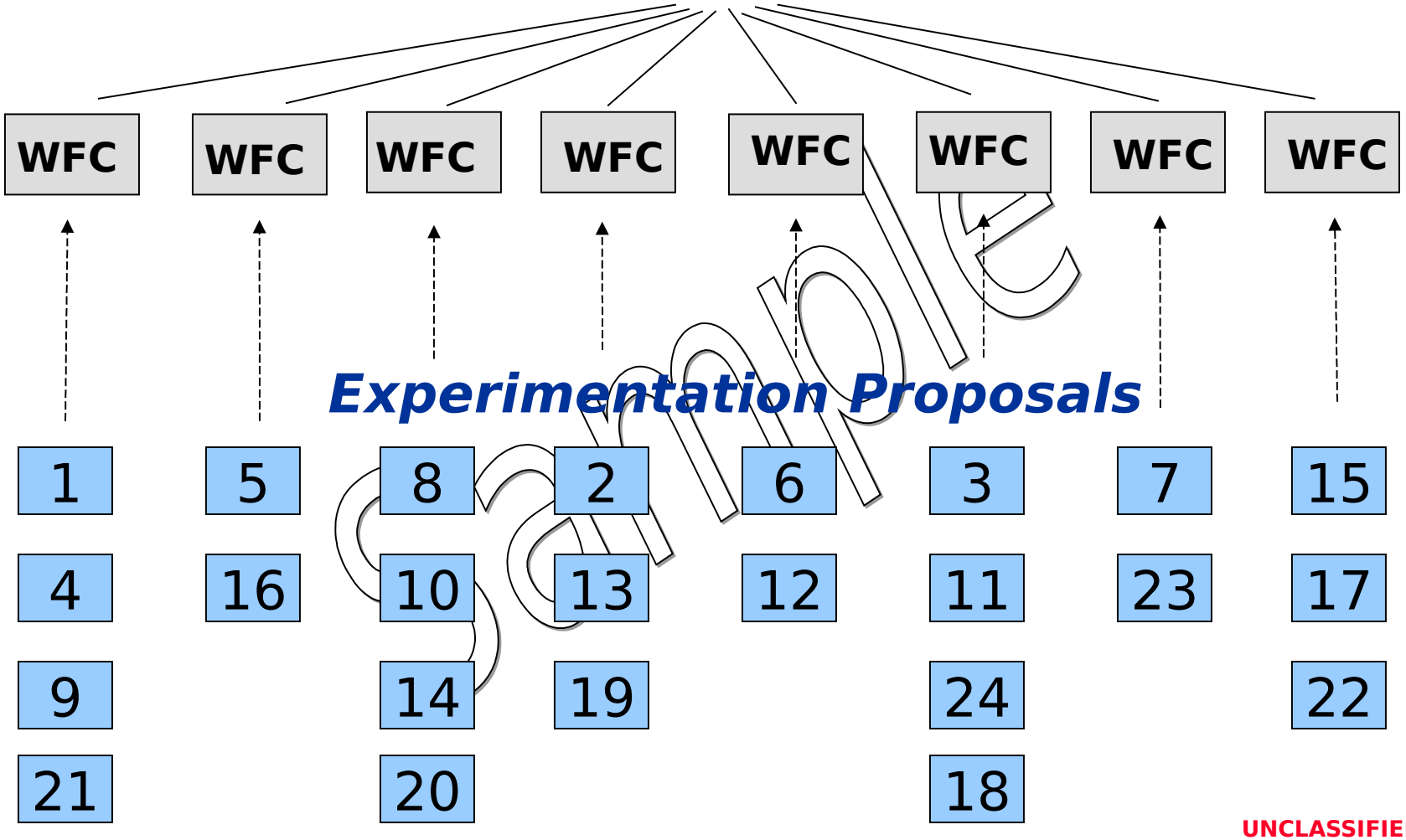
FY07 WAY AHEAD



Warfighter Challenges form N-NC's "Campaigns of Experimentation"



Sample

Questions?